

GCA TECHNOLOGY DIVISION  
A DIVISION OF GCA CORPORATION

C.A. NO. 3038  
DATE 23 August 1983

CONTRACT AUTHORIZATION

PROJECT NO. 1-625-048 PROJECT MGR. S. Capone CUSTOMER EPA/Wash  
CONTRACT NO. 68-01-6769, WA #83-48 CONTRACT TYPE CPFF/LE/NR PROPOSAL #--  
TITLE/DESCRIPTION Responsible Party Search - Tar Creek, Cherokee County, Kansas

1. Effective 10/01/83 GCA/Technology Division is authorized to perform the statement of work as outlined in WA #83-48 of the Contract Schedule.\*
2. Performance of this work is to be completed by 19 October 1983.
3. FINAL NEW TECHNOLOGY REPORT 4. FINAL PATENT REPORT
5. FINAL PROPERTY REPORT 6. FINAL INVENTION REPORT
7. OTHER REPORTING REQUIREMENTS IN WA #83-48
8. DRAFT FINAL REPORT 19 October 1983 9. Number of Copies 2
10. APPROVAL OF FINAL REPORT BY CONTRACTING OFFICER 1 November 1983
11. DISTRIBUTION OF APPROVED REPORT 15 November 1983 12. Number of Copies 8
13. DELIVERY SCHEDULE is listed in Basic Contract of the Contract Schedule. FOB point is Destination.
14. PROGRESS REPORTS are due Monthly beginning 20 November 1983 (4 copies).
15. FINANCIAL REPORTS are due in Item 14 beginning (copies).
16. GOVERNMENT FURNISHED PROPERTY is listed in of the Contract Schedule.
17. NEW TECHNOLOGY REVIEWS due quarterly beginning.
18. DELIVER END ITEMS/REPORTS TO: EPA, Support Branch  
Office of Waste Programs Enforcement  
401 M Street, SW  
Washington, DC 20460  
Attn: Ms. Julie Klaas (WH-527-F)
19. REMARKS: \*Contract Schedule furnished cognizant personnel.
  1. Work Plan due 6 September 1983 in two (2) copies.
  2. This CA authorizes 1-625-048 pending Work Plan submission.
  3. Cost will follow.
  4. Major subcontractor: TechLaw

Cherokee County  
LD # KSD 780741862  
Break: 22.2 TBS  
Other: #48  
8-23-83

20. AUTHORITY:  
Receipt of WA #83-48

0737

40529501

52



Superfund

0409

8/23/83

for Mary L. Ottens  
Arthur Engelman  
Manager, Contract Administration

Appropriation No. <input checked="" type="checkbox"/> CERCLA 68-20X8145 <input type="checkbox"/> RCRA 682/30108 AA0207 - R.T.S.		<b>ENVIRONMENTAL PROTECTION AGENCY</b> <b>Technical Support for Enforcement</b> <b>at Hazardous Waste Sites</b>		EPA Contract No.: 68-01-6769 Contractor: GCA Corporation Work Assignment No.: _____ No. of Pages to Follow: _____	
<input type="checkbox"/> Original Work Assignment		<input type="checkbox"/> Work Plan Approval		<input type="checkbox"/> Work Assignment Amendment Assignment Change No. _____ A revised Work Plan <input type="checkbox"/> is <input type="checkbox"/> is not required	
The Contractor shall furnish facilities, materials, and the necessary professional, technical and supporting personnel for performance of the work required by this Work Assignment, described below.					
<b>TITLE: Responsible Party Search - Tar Creek, Cherokee County, Kansas</b>					
Priority <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	Level of Effort — Technical Labor Hours for Total Work Assignment  Period of Performance: Effective Date to Completion of Deliverables Hazardous Waste Site Acct. No.	Government Est. 200  1 Oct. 83 15 Nov. 83	Contractor Est.	Reference Information: <input type="checkbox"/> Attached <input type="checkbox"/> Transmitted Separately <input type="checkbox"/> Not Applicable	
Region: 7	City: Lawrence, Kansas	State: Missouri			
Statement of Work Summary: See Attached Statement of Work					
<b>G.C.A. TECHNOLOGY DIV.</b>					
<b>AUG 22 1983</b>					
<b>RECEIVED</b>					
Reporting Requirements: <input type="checkbox"/> Briefing(s) <input type="checkbox"/> Letter Report <input type="checkbox"/> Draft Final Report <input type="checkbox"/> Other					
Project Officer: Julie A. Klaas Phone No.: (202) 382-4842 (FTS)					
Contract Negotiator: Alan Trail Phone No.: (202) 382-3195 (FTS)					
Work Assignment Manager: (name, address & phone No.) Alan Trail, P.O. Box 660 (202) 382-4636					
Regional Contact: (name, address & phone No.) Alice Thayer, Superfund Section EPA Region 7 324 E. 11th St. Kansas City, MO 64106 (816) 374-6264					
<div style="position: relative; height: 100px;"> <div style="position: absolute; bottom: 0; left: 0;">            Contracting Officer         </div> </div>				<div style="position: relative; height: 100px;"> <div style="position: absolute; bottom: 0; right: 0;">            DATE (effective date)         </div> </div>	
<div style="position: relative; height: 50px;"> <div style="position: absolute; bottom: 0; left: 0;">           Contractor Acknowledgement of Receipt (signature &amp; title)         </div> </div>				<div style="position: relative; height: 50px;"> <div style="position: absolute; bottom: 0; right: 0;">           DATE         </div> </div>	

## Statement of Work

This work assignment will cover analysis of responsible parties at the Cherokee County site in Kansas. The tasks of the assignment will include:

1. Determine the types of potential responsible parties (such as current landowners, loyalty recipients, mining companies, etc.) and estimate the number of entities involved in each category.
2. Determine what mining companies have operated at the site.
3. Establish the history of ownership of the mining leases.
4. Obtain background information on the owners and operators of the mining leases, including:
  - a) Legal status: partnership, corporation, etc.;
  - b) If a corporation: date and place of incorporation, principal offices, address of principal place of business, registered agent, and nature of business if other than mining;
  - c) If a partnership or other non-incorporated entity: names, addresses, and telephone numbers of partners or other principals, and nature of business if other than mining.
5. Secure general financial information on the owners and operators of the mining companies.
6. Determine the owners and operators of the mining companies ability to pay in cleaning up the site.
7. Obtain copies of deeds or lease agreements for the mining activities.
8. Prepare a draft final report.
9. Incorporate EPA comments into the report.
10. Prepare a final report.

Travel to the site and surrounding counties will be required.

## Reference Information

The Cherokee County site is a lead and zinc mining area covering about 410 square miles in southeastern Cherokee County, Kansas. It is part of a larger area sometimes referred to as the Tri-State Mining District, which encompasses Cherokee County, Jasper County in Missouri, and Ottawa County in Oklahoma. As a result of the extensive lead and zinc mining and related activities covering almost 100 years, huge tailings (or chat) piles cover an estimated 4000 acres in southern Cherokee County alone. The tailings contain small amounts of lead, zinc, cadmium, and asbestos. Acidic water in abandoned mine shafts in the area contain high concentrations of toxic metals, particularly lead and cadmium.

Attached is a report entitled Investigation of Sources of Environmental Carcinogens in Cherokee County, Kansas, Jasper County, Missouri and Ottawa County, Oklahoma by PEDCo Environmental, Inc. This report includes information on the Cherokee County site.

TRANSMITTED SEPARATELY